



DGB SURVEY & MAPPING

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October 11, 2006

County of San Diego
Department of Planning and Land Use
5201 Ruffin Road, Suite "B"
San Diego, CA 92123

Attn: County Fire Marshal

Subject: Fire Protection Plan –Short Form (TPM 20768-Proctor Valley Road)

This letter is written in response to a request from the County of San Diego Department of Planning and Land Use for a Short Form Fire Protection Plan consistent with California Fire Code, Article 86. To address

- Location
- Topography
- Geology
- Flammable Vegetation
- Climate

Along with the following fire related issues

1. Water Supply
2. Fire Access
3. Building Fire resistance
4. Fire Protection systems
5. Fire Protection equipment
6. Defensible Space
7. Vegetation Management
8. Fire Behavior Mode

1. Water Supply

The project is in the Otay Water District. Water mains are located in the adjacent streets. Hydrants are required along fire access roads as determined by the Fire Marshal to meet operational needs, at intersections and at intervals based on parcel size and County Fire Code Table 903.4.2-B. Minimum fire flow in wildlife urban interface is 2500 GPM.

2. Fire Access Roads

Dead ends:

- a. Dead end driveways serving no more than two single family dwellings do not exceed threshold of County Fire Code Section 902.2 (150 feet) or are provided with emergency turnarounds meeting County Fire Marshal standards generally at the terminal end and at intervals based on parcel size and County Fire Code Table 903.4.2-B. Minimum fire flow

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TPM 20768 RPL!

in wildlife urban interface is 2500 GPM.

- b. Dead ends serving more than two single family dwellings shall have a minimum 36 foot radius cul-de-sac generally at the terminal end.

Width:

- a. All fire access roads including driveways must be approved to a minimum 16' width all-weather surface suitable for travel by 50,000 lb. Fire apparatus. Fire access roads serving more than two single family dwellings shall be minimum 24' width all-weather surface suitable for travel by 50,000 lb. Fire apparatus.

Grade:

- a. Grades shall be generally less than 10%.

Surface:

- a. All roads must be installed to the standards specified in section I-M of the County of San Diego Off Street Parking Design Manual. Surfacing material is based on grade. (No access roads are proposed for the project.)

Maintenance:

Individual owners are responsible for maintaining driveways, gates and signs on their own parcel in compliance with fire codes. Road easements, including gates and signs within the project, must be maintained in compliance with fire codes in perpetuity. (No access roads are proposed for the project.)

3. Building fire resistance and ignition:

Both "Basic and Enhanced" construction requirements per County Building and Fire Codes will be employed for all exterior elements including roofs, eaves, doors, windows decks, etc.

4. Fire protection systems:

All dwellings and attached garages will have residential fire sprinklers per County Fire Code Section 1003.2.

5. Fire protection Equipment:

(e. g. extinguishers) Although portable fire extinguishers are recommended, none are required for this project.

6. Defensible Space:

A minimum of 100 foot Fuel Management Zone will be established and maintained around each structure per County Fire Code Appendix II-A Section 16 and 17.

7. Vegetation Management:

Prescribed Defensible Space will be maintained on at least an annual basis or more often as needed. Planting within this region must be from an approved fire resistance planting materials list. The individual property owners will be responsible for maintenance.

8. Fire Behavior Computer Modeling:

Fire Behavior Computer Modeling is not required for this project.

Person Preparing this Report

By  Date 1/15/07
Charles S. Thomas Title: Civil Engineer

Name of Property Owner.
By  Date 2-1-07
Patricia Holland-Roark Title: Property Owner